

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-20. (Canceled)

21. (Currently Amended) A treatment system comprising:
a reservoir system fluidly connected to a point of entry;
an electrochemical device fluidly connected to the reservoir system;
a household point of use fluidly connected to the reservoir system; and
an auxiliary use fluidly connected to a waste stream from the electrochemical device.
22. (Original) The treatment system of claim 21 wherein the reservoir system is pressurized.
23. (Original) The treatment system of claim 21 further comprising a pretreatment system fluidly connected upstream of the electrochemical device.
24. (Previously Presented) The treatment system of claim 23 wherein the pretreatment system comprises a reverse osmosis device.
25. (Original) The treatment system of claim 23 wherein the pretreatment system comprises a carbon filter.

26. (Original) The treatment system of claim 21 further comprising a controller for regulating at least one operating parameter of the treatment system.

27. (Original) The treatment system of claim 21 wherein the point of use comprises an appliance.

28. (Original) The treatment system of claim 21 further comprising a heat exchanger thermally connected to the reservoir system.

29. (Original) The treatment system of claim 21 wherein the auxiliary use comprises an irrigation system.

30-39. (Canceled)

40. (Previously Presented) A method for treating water comprising:
introducing water from a point of entry to a reservoir system;
removing at least a portion of any undesirable species from the water in the reservoir system in an electrochemical device to produce treated water and discharge water;
transferring at least a portion of the treated water from the electrochemical device to the reservoir system;
transferring a portion of the discharge water to an auxiliary use; and
distributing a portion of the treated water from the reservoir system to a point of use.

41. (Original) The method of claim 40 wherein the reservoir system is pressurized.

42. (Original) The method of claim 40 wherein distributing a portion of the treated water comprises distributing water to a household.

43. (Original) The method of claim 40 wherein transferring the discharge water to the auxiliary use comprises transferring at least a portion of the discharge water to an irrigation system.

44. (Original) The method of claim 40 further comprising pretreating the water before removing the at least a portion of the any undesirable species from the water.

45. (Original) The method of claim 40 further comprising adjusting an operating parameter of the electrochemical device.

46-50. (Canceled)

51. (Withdrawn-Currently Amended) A water treatment system comprising:
means for accumulating water from a water source at a pressure above atmospheric pressure;

an electrochemical device fluidly connected to the means for accumulating water and to an auxiliary use;

means for heating the water; and

a household water distribution system fluidly connecting a household point of use and the means for accumulating water.

52. (Canceled)

53. (Withdrawn) The system of claim 51 further comprising a pretreatment system fluidly connected upstream of the means for accumulating water.

54. (Withdrawn) The system of claim 51 further comprising a means for adjusting an operating parameter of at least one of the electrochemical device, the means for accumulating water and the household water distribution system.

55-61. (Canceled)

62. (Withdrawn-Currently Amended) A method for treating water comprising:
accumulating water from a point of entry at a pressure that is above atmospheric pressure;

providing an electrochemical device;
transferring at least a portion of the accumulated water to the electrochemical device;
removing at least a portion of any undesirable species from the water in the electrochemical device to produce a treated water; and; and a waste water;
delivering at the waste water to an auxiliary use; and
adjusting at least one operating parameter of the electrochemical device.

63. (Withdrawn) The method of claim 62 further comprising supplying at least a portion of the treated water to a household appliance.

64. (Withdrawn) The method of claim 63 further comprising heating at least a portion of the treated water prior to supplying the water to a household appliance.

65. (Withdrawn) The method of claim 62 further comprising calculating a desired property of the treated water.

66. (Withdrawn) The method of claim 62 further comprising reversing a polarity of an electric field applied across the electrochemical device.

67. (Withdrawn) The method of claim 62 further comprising adjusting a time delay between reversing cycles.
68. (Withdrawn) A system comprising:
a pressurized fluid reservoir in thermal communication with a heat exchanger; and
a fluid treatment device fluidly connected to the pressurized fluid reservoir, wherein
the fluid treatment device comprises a device selected from the group consisting of an
electrochemical device and a reverse osmosis device.
69. (Withdrawn) The system of claim 68 wherein the fluid treatment device comprises
an electrochemical device.
70. (Canceled)
71. (New) The method of claim 40, further comprising introducing at least a portion of water from the point of entry into a concentrating compartment of the electrochemical device to produce a waste stream.
72. (New) The method of claim 71, further comprising circulating at least a portion of the waste stream through the concentrating compartment, and wherein transferring a portion of the discharge water to the auxiliary use comprises transferring a portion of the waste stream to the auxiliary use.